

Black Sandtex - ship April 2

81134

Work Order ID 81134

March-09-12 8:59:09 AM

Page 1

Item ID: D350-607-541BK

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Heli-Utility-Basket

Stop

NS2

Start Date: 09/03/2012 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 30/03/2012 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/03/09 Tooling:

Date:

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
100 *100* DC Document Control	DOCUMENT CONTROL Memo Photocopy bluefile & type labels per PPPD350-607-541 CHG003	0.00							<i>W 12 . 3 . 23 (1)</i>
110 *110* Packaging Packaging	Pick Kit Memo ****Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label****	0.00							<i>SP 12-03-23</i>
120 *120* QC Quality Control	QC4- 100% Inspect kits for completeness Memo	0.00							<i>W 12 . 3 . 23 (1)</i>

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 81134

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Page 2

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Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Heli-Utility-Basket

Stop

NS2

Start Date: 09/03/2012 **Start Qty:** 1.00

1

Cust Item ID:

Required Date: 30/03/2012 **Req'd Qty:** 1.00

1

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

**Sequence ID/
Work Center ID**

**Operation
Description**

**Set Up/
Run Hours**

Tool ID

Tool #

**Plan
Code**

**Accept
Qty**

**Reject
Qty**

**Reject
Number**

**Insp.
Stamp**

130

Pick Kit

0.00

130

Packaging

Memo

0.00

Packaging

Package as per PPPD350-607-541

SP/2-03-23

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MJ 12/03/23

MJ
12-03-23

Dart Aerospace Ltd

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Picklist Print

March-09-12 8:59:13 AM

Page 1

Work Order ID: 81134

81134
D350-607-541BK

Parent Item: D350-607-541BK
Parent Item Name: Heli-Utility-Basket

Start Date: 09/03/2012

Required Date: 30/03/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B
11.02.09 add to install label DD verf by:EC IPP REV:C 12.03.06
AS PER ECN12-535 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D350-607-511		Manufactured	No		110	Each	0.0000	1	1			8/19/12	
D350-607-511 Quick Release Basket Mounting Installation													
D2690-6		Manufactured	No		110	Each	27.0000	1	1			SP	
D2690-6 Lanyard Assembly													

Location	Loc Qty	Loc Code
----------	---------	----------

ST016	27	
79515	27	

Location	Loc Qty	Loc Code
----------	---------	----------

ST016	27	
79515	27	

Location	Loc Qty	Loc Code
----------	---------	----------

ST509	2	
79306	2	

Location	Loc Qty	Loc Code
----------	---------	----------

ST509	2	
79306	2	

Location	Loc Qty	Loc Code
----------	---------	----------

ST122	6	
78972	6	

D3912-041		Manufactured	No		110	Each	2.0000	1	1			BN	
D3912-041 Eyebolt Receiver Assembly													

D4030-041		Manufactured	No		110	Each	0.0000	1	1			8/135	
D4030-041 Long Basket Assembly (350)													

D4085-3		Manufactured	No		110	Each	6.0000	1	1			SP	
D4085-3 Placard, Instructions													

ST122	6	
78972	6	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Page 2

Work Order ID: 81134

Parent Item: D350-607-541BK

Parent Item Name: Heli-Utility-Basket

81134
D350-607-541BK

Start Date: 09/03/2012

Start Qty: 1.00

Required Date: 30/03/2012

Required Qty: 1.00

D4151-041

D4151-041

Basket Fwd Hardpoint Assembly, Lower

Manufactured No 110 Each 3.0000 1 1 **

SP

D4151-043

D4151-043

Basket Fwd Hardpoint Assembly, Upper

Manufactured No 110 Each 0.0000 1 1 **

B80727 SP

D4150-041

D4150-041

Attachment Arm Assembly

Manufactured No 110 Each 0.0000 1 1 **

M80726 SP

AN4-13A

AN4-13A

Bolt

Purchased No 110 Each 1,369.000 6 6 **

SP

Location Loc Qty Loc Code

ST357 1369

LOX

119449 59

120187 410

120422 500

120770 400

Purchased No 110 Each 36.0000 1 1 **

SP 12-03-24

AN4C15

AN4C15

BOLT

Location Loc Qty Loc Code

ST358 36

LOX

120124 36

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

March-09-12 8:59:13 AM

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Work Order ID: 81134

Parent Item: D350-607-541BK

Parent Item Name: Heli-Utility-Basket

81134
D350-607-541BK

Start Date: 09/03/2012

Start Qty: 1.00

Required Date: 30/03/2012

Required Qty: 1.00

AN310C4

Purchased	No	110	Each	49.0000	1	1	**	88
-----------	----	-----	------	---------	---	---	----	----

AN310C4

Nut

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST344	49	
119324	19	
120360	30	

MS17984-C413

Purchased	No	110	Each	8.0000	1	1	**	1K
-----------	----	-----	------	--------	---	---	----	----

MS17984-C413

PIN, QUICK RELEASE

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST315	8	
114340	1	
118612	2	
120360	5	

MS21042L4

Purchased	No	110	Each	3,840.000	6	6	**	88
-----------	----	-----	------	-----------	---	---	----	----

MS21042L4

Nut

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST300	3840	
117441	51	
117601	157	
118451	133	
119017	200	
119075	3299	

MS24665-151

Purchased	No	110	Each	315.0000	1	1	**	6X
-----------	----	-----	------	----------	---	---	----	----

MS24665-151

Cotter Pin

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST309	315	
17566	315	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Picklist Print

March-09-12 8:59:14 AM

Page 4

Work Order ID: 81134

Parent Item: D350-607-541BK

Parent Item Name: Heli-Utility-Basket

81134
D350-607-541BK

Start Date: 09/03/2012

Start Qty: 1.00

Required Date: 30/03/2012

Required Qty: 1.00

NAS1515H4L

Purchased

No

110

Each

484.0000

2

2

**

SP

WASHER

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FG	8	
103691	8	
ST277	476	
118709	4	
120390	472	

NAS1149F0432P

Purchased

No

110

Each

202.0000

12

**

SP m 12 10 60

Washer

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST275	202	
120142	2	
120360	200	

NAS1149C0463R

Purchased

No

110

Each

1,017.000

3

**

SP 12-03-23.

Washer

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FP001	1	
115358	1	
ST297	1016	
117735	34	
119097	982	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

REFERENCE ONLY

DART AEROSPACE LTD.

D350-607-3

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4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kg	135 in 3.43 m	10895 in-lb 125.5 m-kg
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kg	135 in 3.43 m	8870 in-lb 102.2 m-kg
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kg	135 in 3.43 m	7925 in-lb 89.9 m-kg
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kg	135 in 3.43 m	6440 in-lb 74.1 m-kg
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kg	135 in 3.43 m	972 in-lb 11.3 m-kg

5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD 1
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARPOON ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARPOON ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Date: 10.06.28